

42671  
(TWELVEMILE WELL)  
1:62,500  
SUPERIOR (62500)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

BITTER CREEK NW QUADRANGLE  
WYOMING-SWEETWATER CO  
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-1023

PLATE 6 OF 16

EXPLANATION

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 40 feet. Isopach interval 50 feet (15 m) over strippable coal and 100 feet (31 m) beyond the stripping-limit line.

DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed.

MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach). To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

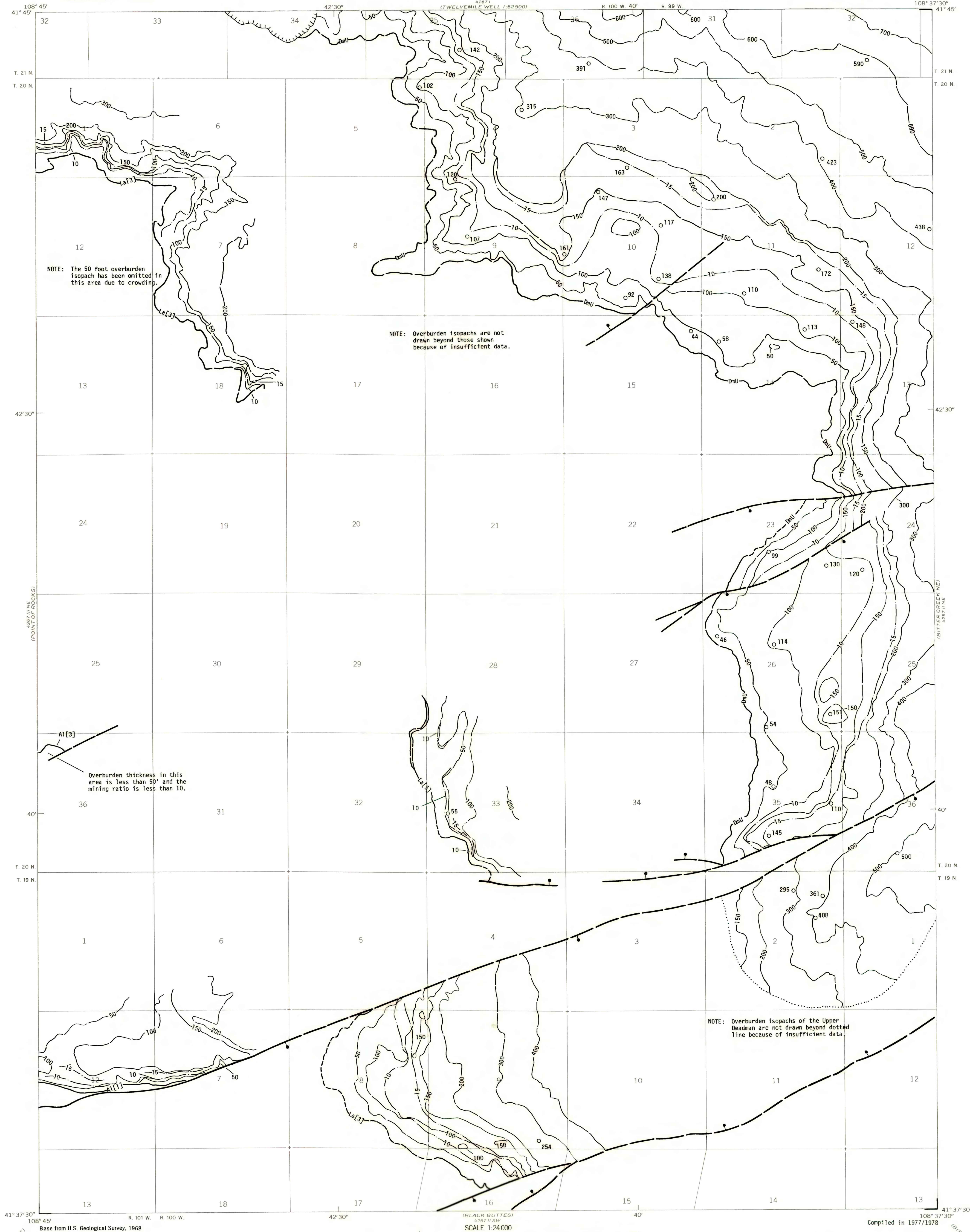
Coal bed symbols and names - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle only.

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Dashed where inferred; short dashed where inferred by present authors.

TRACE OF FAULT - Bar and ball on downthrown side when direction of movement is known. Dashed where inferred or approximately located.

COAL STRIP MINE - Machures point toward mined area.

To convert feet to meters, multiply feet by 0.3048.



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Base from U.S. Geological Survey, 1968

Compiled in 1977/1978

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

COAL RESOURCE OCCURRENCE MAP OF THE BITTER CREEK NW QUADRANGLE,  
SWEETWATER COUNTY, WYOMING  
BY  
DAMES & MOORE  
1979

PLATE 6  
OVERBURDEN ISOPACH AND MINING RATIO  
MAP OF THE ALMOND [1] AND [3],  
THE LANCE [3] AND [5],  
AND THE UPPER DEADMAN COAL BEDS